

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 09272213
PUBLICATION DATE : 21-10-97

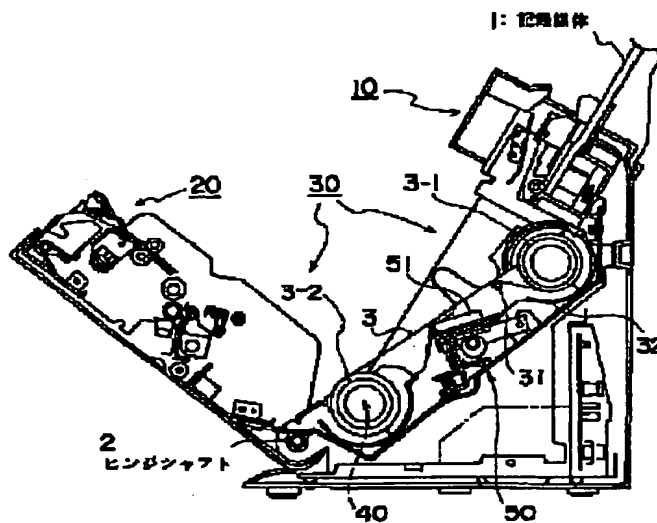
APPLICATION DATE : 04-04-96
APPLICATION NUMBER : 08082253

APPLICANT : NEC ENG LTD;

INVENTOR : HANAMI TOSHIO;

INT.CL. : B41J 2/325 B41J 17/32 B41J 32/00
B41J 35/00

TITLE : LINE THERMAL PRINTER



ABSTRACT : PROBLEM TO BE SOLVED: To prevent print unevenness from occurring by removing dust sticking to an ink film on a supply side before printing.

SOLUTION: This line thermal printer is equipped with a cleaning roller which is mounted, in freely rotating manner, on the cassette base 32 of an ink film cassette 30 containing an ink film 3 and is of such a structure that a polyurethane sponge of an ultrafine continuous porous form produced by a liquid sintering is junctioned to the surface of a metal shaft, and further, is rotated following the transport of the ink film 3, uniformly pressing the surface of the film 3 on the ink film 3 supply side of a recording head, when the ink film 3 is supplied to the recording head 51. In addition, the cassette base 32 is of such a structure that it can be mounted by engaging and locking both ends of the cleaning roller 31 and also can be freely detached.

COPYRIGHT: (C)1997,JPO